

Work Order ID 75169

October-18-11 11:07:01 AM

Ship Oct. 21
75169

Page 1

Item ID: D4448-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: T53 N1 Gearbox Cover

Start Date: 18/10/2011 Start Qty: 10.00

10

Cust Item ID:

Required Date: 21/10/2011 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: M.L.J Date: 11/10/11

Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4448	A

100 FLOW WATER JET 0.00

100

Waterjet

FLOW CNC Waterjet

FLOW WATER JET

Memo

0.00

1-Cut as per Dwg

****use Orange ALXTRA*** Batch: Tooling

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

SN 11/10/11

B11-10-20

110 QC2- Inspect parts off machine FAI/FAIB 0.00

110

QC

Quality Control

Memo

0.00

B11-10-20

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 75169

October-18-11 11:07:01 AM

75169

Page 2

Item ID: D4448-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: T53 N1 Gearbox Cover
 Start Date: 18/10/2011 Start Qty: 10.00 ***10*** Cust Item ID:
 Required Date: 21/10/2011 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC8- Inspect parts - second check	0.00							
120									
QC	Memo	0.00							
Quality Control									
140	Identify as per dwg & Stock Location: <i>E26</i>	0.00							
140									
Packaging	Memo	0.00							
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00							
Quality Control									

(x12)

11/10/21 *(12)*

11/10/21 *ME*
11-10-21

WORK ORDER CHANGES

W/O:								
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

WORK ORDER NON-CONFORMANCE (NCR)

NCR:								
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

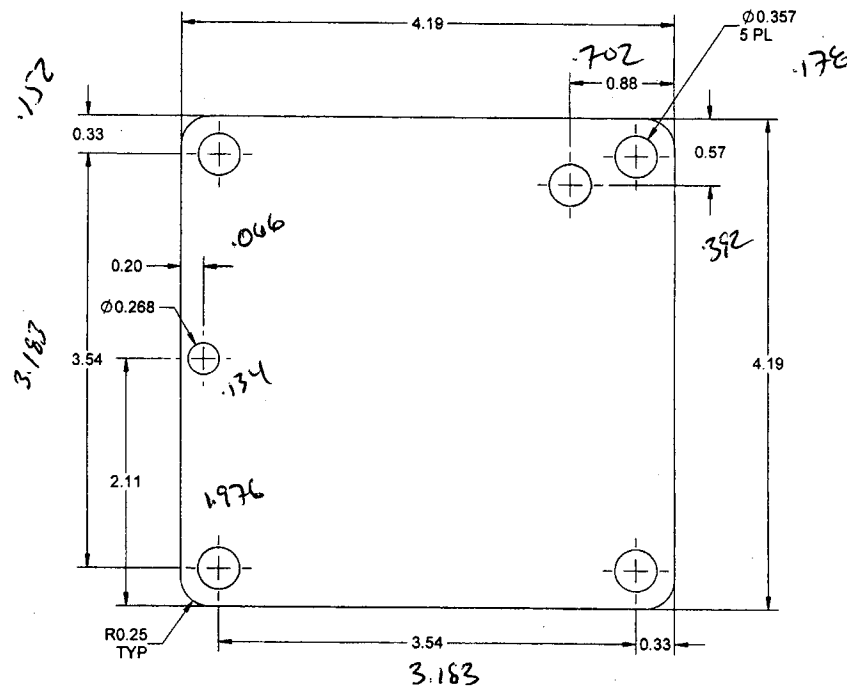
NOTE: Date & initial all entries



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 75169 M.L.J
11/10/18

0.300
REF



D4448-1 T53 N1 GEARBOX COVER

NOTES:

- 1) MATERIAL: ALEXTRA ET SHEET, 0.300 THICK
PER ASTM D 638
REF DART SPEC M-ALEXTRA0.300
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.22 lbs

RELEASED
2011-10-0

A		NEW ISSUE	BY	DATE
REV.	DESCRIPTION		BY	DATE
DESIGN	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN				
CHECKED	DRAWING NO.			REV. A
MFG. APPR.	D4448			SHEET 1 OF 1
APPROVED	TITLE			SCALE
DE APPR.	COVER			NTS
DATE	11.09.28		<small>COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Linda Lacelle

From: Harvey Siemens <hsiemens@dartaero.com>
Sent: September-28-11 5:23 PM
To: 'Kim Johnston'; 'L Lacelle'
Cc: 'Eric Charbonneau'
Subject: RE: Eagle Parts

Thanks Kim

Regards,

Harvey Siemens

Mechanical Designer
DART Aerospace Ltd.

P: 403-717-0328
F: 403-717-1288
E: hsiemens@dartaero.com
W: www.dartaero.com
M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

The information contained in this transmission is privileged and confidential and intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, you are hereby notified that any distribution, copying, disclosure or taking of any action in reliance on the contents of this transmission is strictly prohibited and review by any individual other than the intended recipient shall not constitute waiver of privilege. If you have received this transmission in error, please notify me immediately and delete the original transmission.

From: Kim Johnston [mailto:kjohnston@dartaero.com]
Sent: September-28-11 12:16 PM
To: 'Harvey Siemens'; 'L Lacelle'
Cc: 'Eric Charbonneau'
Subject: RE: Eagle Parts

Parts are in

From: Harvey Siemens [mailto:hsiemens@dartaero.com]
Sent: Wednesday, September 28, 2011 1:35 PM
To: L Lacelle
Cc: Eric Charbonneau; Kim Johnston
Subject: Eagle Parts

All

Rev A of D4447 and D4448 have been loaded to the prelim folder. These are Eagle only parts that will not get approved or DE approved. They will also not need any certification (not even C of C's).

Do we need to release these so that they can be "put away" or what do we need to do?

Kim

Can you add the following parts into the system:

D4447-1, PT6 Exhaust Cover, waterjet

D4447-3, PT6 Oil Cooler Blower Drive Cover, waterjet

D4447-5, Starter-generator cover, waterjet
D4447-7, Tach Drive Cover, waterjet
D4447-9, Igniter Box Mount, waterjet
D4447-11, ITT Compensator Mount, waterjet
D4447-13, Accessory Gearbox Oil Vent Cover, waterjet
D4447-15, Customer Bleed Air Cover, waterjet
D4447-17, Oil Pressure Cover, waterjet
D4448-1, T53 N1 Gearbox Cover, waterjet

Let me know if there's more info that you need.

Regards,

Harvey Siemens

Mechanical Designer

DART Aerospace Ltd.

P: 403-717-0328

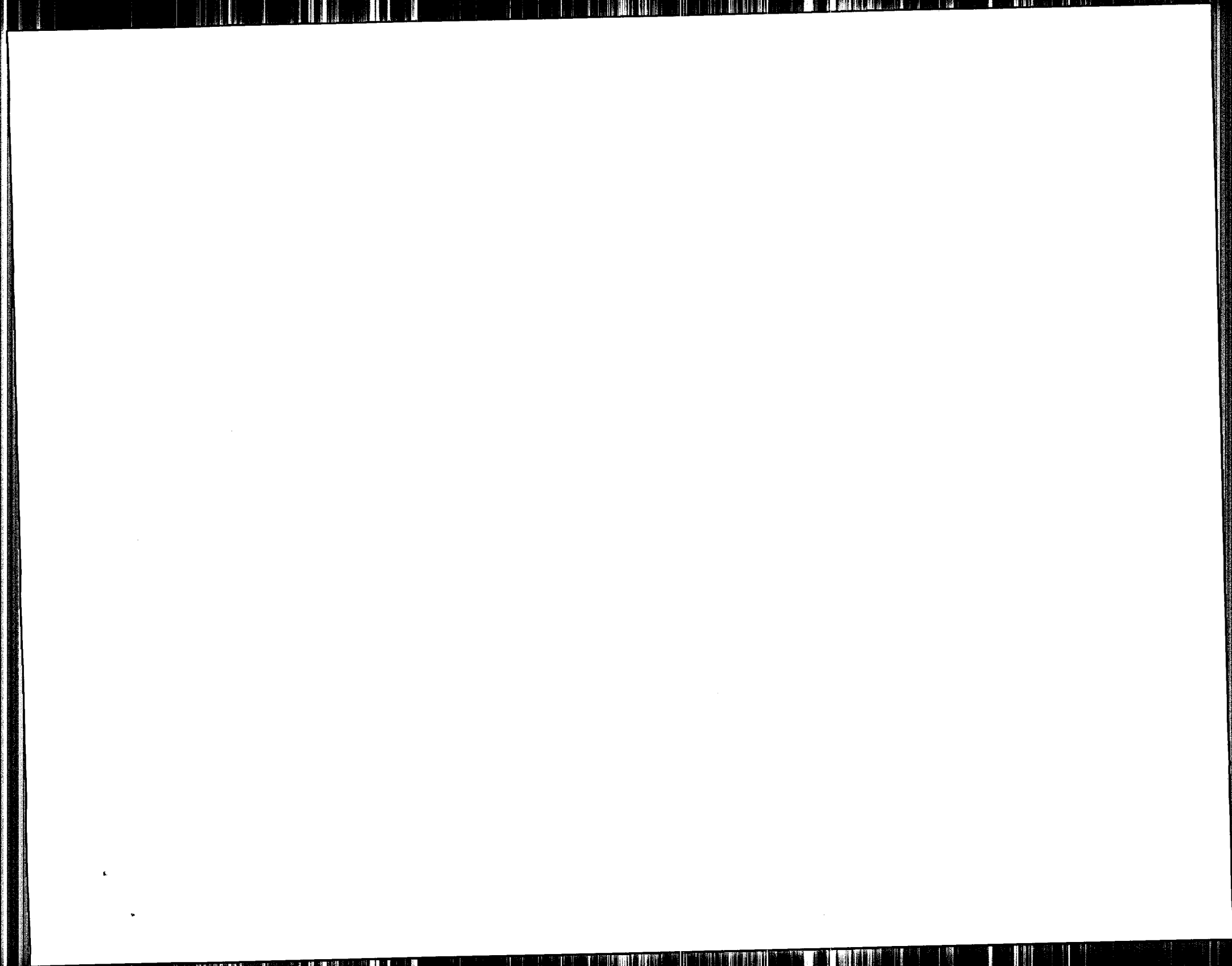
F: 403-717-1288

E: hsiemens@dartaero.com

W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

The information contained in this transmission is privileged and confidential and intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, you are hereby notified that any distribution, copying, disclosure or taking of any action in reliance on the contents of this transmission is strictly prohibited and review by any individual other than the intended recipient shall not constitute waiver of privilege. If you have received this transmission in error, please notify me immediately and delete the original transmission.



D4447-5, Starter-generator cover, waterjet
D4447-7, Tach Drive Cover, waterjet
D4447-9, Igniter Box Mount, waterjet
D4447-11, ITT Compensator Mount, waterjet
D4447-13, Accessory Gearbox Oil Vent Cover, waterjet
D4447-15, Customer Bleed Air Cover, waterjet
D4447-17, Oil Pressure Cover, waterjet
D4448-1, T53 N1 Gearbox Cover, waterjet

Let me know if there's more info that you need.

Regards,

Harvey Siemens

Mechanical Designer
DART Aerospace Ltd.

P: 403-717-0328

F: 403-717-1288

E: hsiemens@dartaero.com

W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

The information contained in this transmission is privileged and confidential and intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, you are hereby notified that any distribution, copying, disclosure or taking of any action in reliance on the contents of this transmission is strictly prohibited and review by any individual other than the intended recipient shall not constitute waiver of privilege. If you have received this transmission in error, please notify me immediately and delete the original transmission.